

**In the Claims**

1. (Currently Amended) A method for automatically generating computer program code comprising the steps of:

generating a description of an application;  
providing said description to a web service;  
parsing said description by said web service;

providing a computational grid comprising a plurality of coding modules, wherein said computational grid includes a plurality of computers sharing computational resources;

locating a suitable coding module ~~via~~ in a node contained within ~~[[a]] the~~ computational grid, ~~wherein said computational grid includes a plurality of computers sharing computational resources;~~

supplying said description to said node;  
applying said description to said suitable coding module to generate an output object; and  
returning said output object.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) The method as set forth in claim 1, wherein said description is generated using Object Meta Language (OML).

5. (Previously Presented) The method as set forth in claim 4, wherein said OML is an eXtensible Markup Language (XML) dialect.

6. (Previously Presented) The method as set forth in claim 1, wherein said suitable coding module is an XML template.

7. (Previously Presented) The method as set forth in claim 1, wherein said suitable coding module is an eXtensible Stylesheet Language (XSL) style sheet.

8. (Previously Presented) The method as set forth in claim 7, wherein the step of applying said description to said suitable coding module further comprises the steps of:

    parsing said description to locate at least one variable; and  
    substituting said at least one variable with at least one replacement variable, wherein said at least one replacement variable is the result of an XML/XSL transform.

9. (Previously Presented) The method as set forth in claim 6, wherein the step of applying said description to said suitable coding module further comprises the steps of:

    parsing said description to locate at least one variable; and  
    substituting said at least one variable with at least one replacement variable, wherein said at least one replacement variable is stored in said XML template.

10. (Cancelled)

11. (Cancelled)

12. (Currently Amended) A computer program product embodied on a computer readable medium for automatically generating computer program code, comprising computer executable instructions for:

    generating a description of an application;  
    providing said description to a web service;

parsing said description by said web service;  
providing a computational grid comprising a plurality of coding modules,  
wherein said computational grid includes a plurality of computers sharing computational  
resources;

locating a suitable coding module ~~on in~~ a node contained within ~~[[a]] the~~  
computational grid ~~wherein, said computational grid includes a plurality of computers~~  
~~sharing computational resources;~~

supplying said description to said node;  
applying said description to said suitable coding module to generate an  
output object; and  
returning said output object.

13. (Original) The computer program product as set forth in claim 12, wherein  
said description comprises Object Meta Language (OML).

14. (Previously presented) The computer program product as set forth in claim  
13, wherein said OML is an eXtensible Markup Language (XML) dialect.

15. (Previously presented) The computer program product as set forth in claim  
12, wherein said suitable coding module is an XML template.

16. (Previously presented) The computer program product as set forth in claim  
12, wherein said suitable coding module is an eXtensible Stylesheet Language (XSL)  
style sheet.

17. (Previously presented) The computer program product as set forth in claim  
15, wherein the computer executable instructions for applying said description to said  
suitable coding module further comprise instructions for:

parsing said description to locate at least one variable; and

substituting said at least one variable with at least one replacement variable, wherein said at least one replacement variable is the result of an XML/XSL transform.

18. (Previously presented) The computer program product as set forth in claim 15, wherein the computer executable instructions for applying said description to said suitable coding module further comprise instructions for:

    parsing said description to locate at least one variable; and  
    substituting said at least one variable with at least one replacement variable, wherein said at least one replacement variable is stored in said XML template.

19. (Currently Amended) A system for automatically generating computer program code comprising:

    an input terminal for inputting an application description;  
    a computational grid, wherein said computational grid includes a plurality of computers sharing computational resources, said grid comprising a plurality of nodes, each node comprising at least one programming model; and  
    a web service for supplying said application description to ~~said computational grid; and a~~ selected coding module residing on said computational grid, wherein said coding module generates an object from said application description.

20. (Cancelled)

21. (Previously presented) The system as set forth in claim 19, wherein said application description is generated using Object Meta Language (OML).

22. (Previously presented) The system as set forth in claim 21, wherein said OML is an eXtensible Markup Language (XML) dialect.

23. (Currently Amended) The system as set forth in claim 19, wherein said coding modules are ~~is an~~ XML templates.

24. (Currently Amended) The system as set forth in claim 19, wherein said coding modules are ~~is an~~ eXtensible Stylesheet Language (XSL) style sheets.

25. (Currently Amended) The system as set forth in claim 24, wherein said coding modules for generating an object from said application description include[[s]] computer code for:

    parsing said application description to locate at least one variable; and  
    substituting said at least one variable with at least one replacement variable,  
wherein said at least one replacement variable is the result of an XML/XSL transform.

26. (Currently Amended) The system as set forth in claim 23, wherein said coding modules for generating an object from said application description include[[s]] computer code for:

    parsing said application description to locate at least one variable; and  
    substituting said at least one variable with at least one replacement variable,  
    wherein said at least one replacement variable is stored in said XML  
template.

27. (Cancelled)